

# Decoding 16 Probes

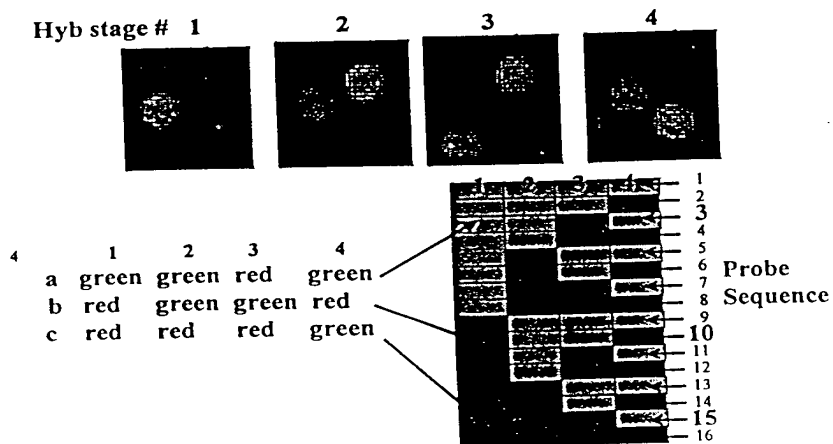


Figure 1

09748706.122200

00222T 90281260

128 bead types  
(4013 beads  
total)

Four dyes  
(Bod493,  
BodR6G,  
Bod564,  
BodTXR )

Four Stages

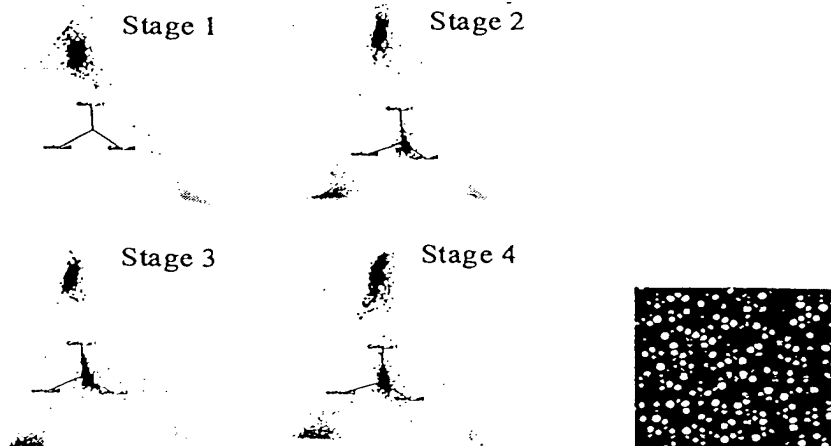


Figure 2

09743706 122200

# GreyScale Decoding

A.

Code	S1	S2	S3
1	100	100	100
2	100	100	40
3	100	100	10
4	100	40	100
5	100	40	40
6	100	40	10
7	100	10	100
8	100	10	40
9	100	10	10
10	40	100	100
11	40	100	40
12	40	100	10
13	40	40	100
14	40	40	40
15	40	40	10
16	40	10	100
17	40	10	40
18	40	10	10
19	10	100	100
20	10	100	40
21	10	100	10
22	10	40	100
23	10	40	40
24	10	40	10
25	10	10	100
26	10	10	40
27	10	10	10

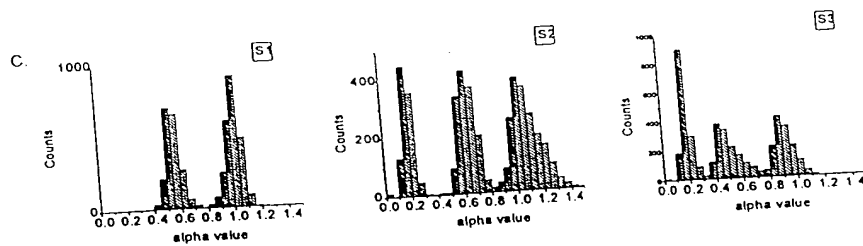
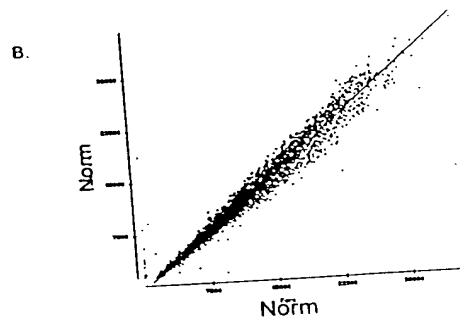


Figure 3

09748706 122200

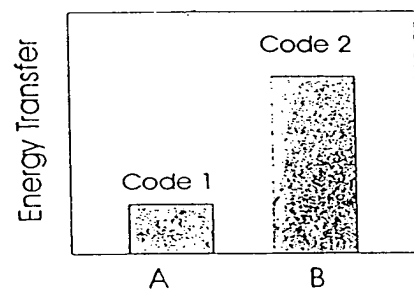
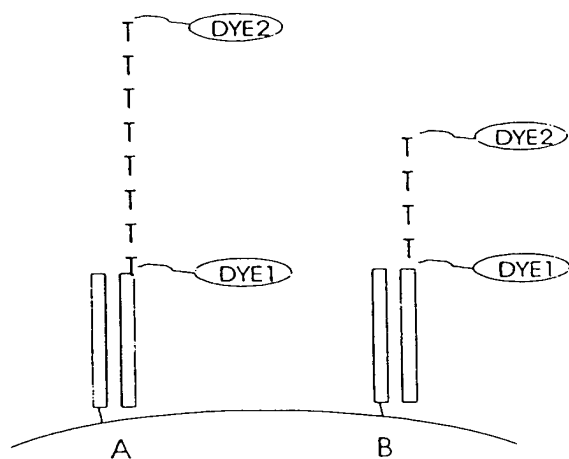


Figure 4

00222T" 9048460

# Energy Transfer Series: Normalized to 1000 at 530nm LS50B Solution Screen

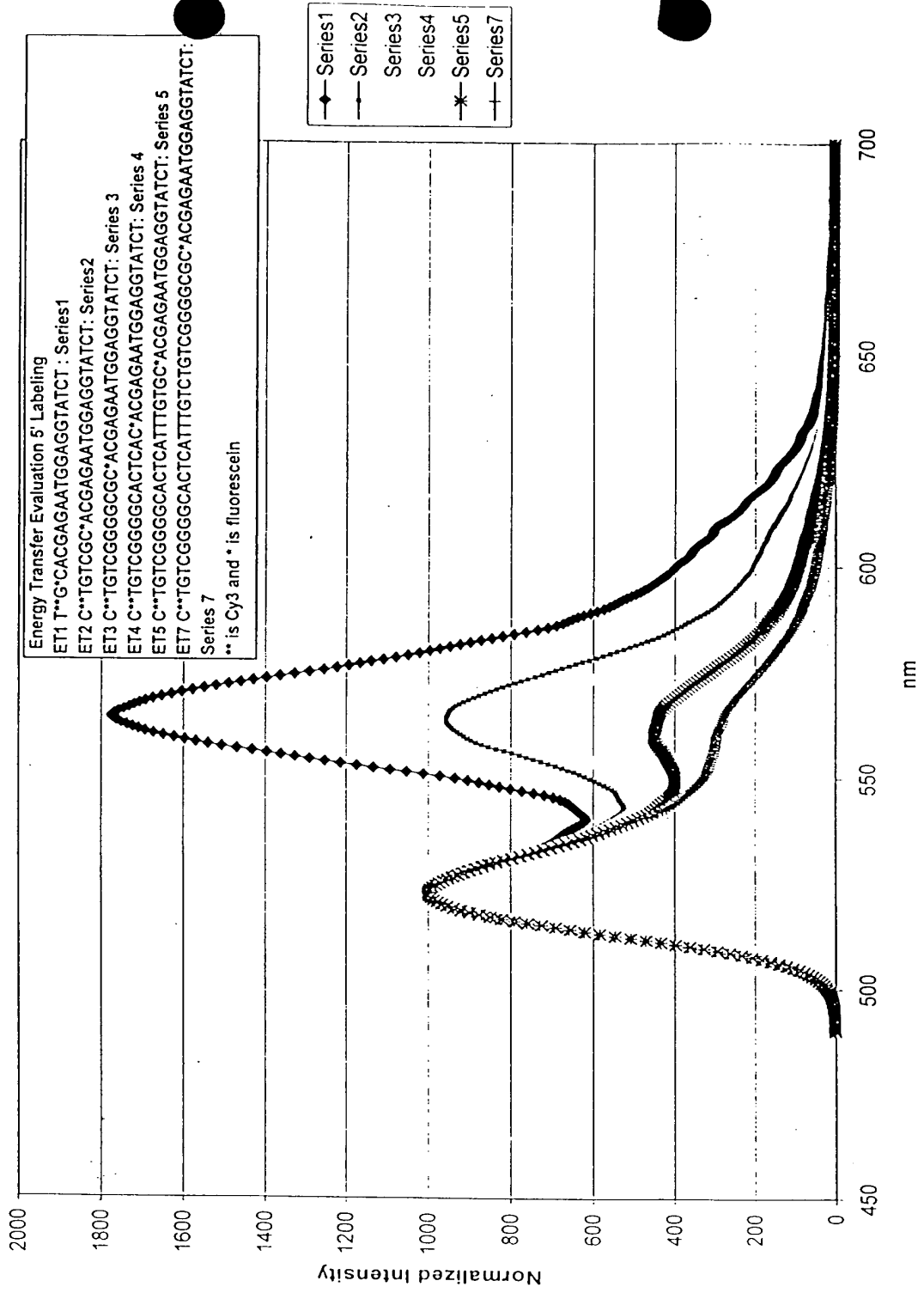


Figure 5

002221" 9078460

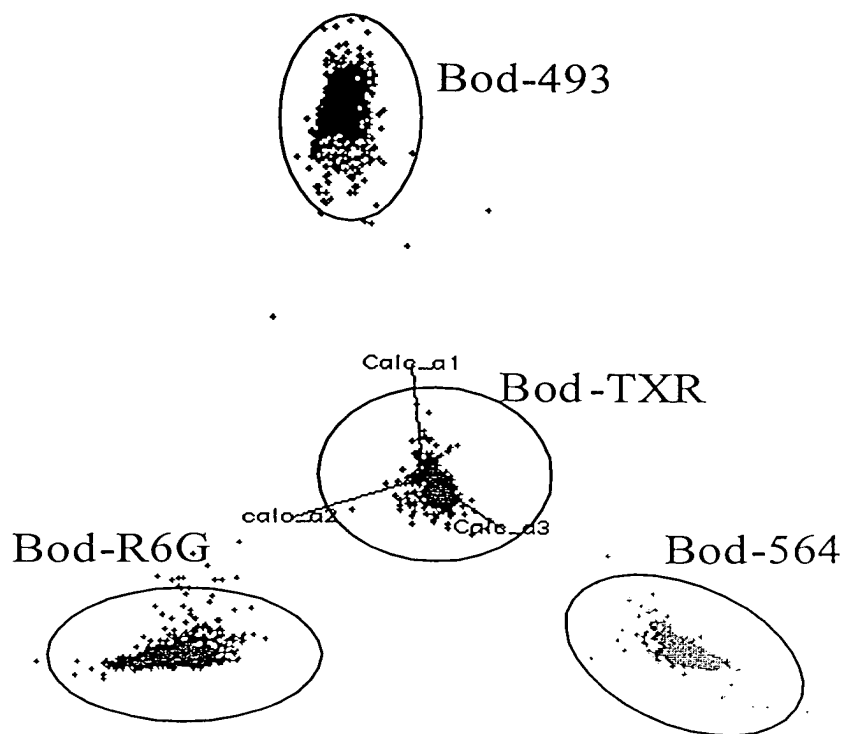


Figure 6

Figure 7

original recording  
on tape

1 "color" decoding						
Bead	stage 1	stage 2	stage 3	stage 4	Code	Parity
					1111	
					1110	odd
					1101	odd
					1100	
					1011	odd
					1010	
					1001	
					1000	odd
					0111	odd
					0110	
					0101	
					0100	odd
					0011	
					0010	odd
					0001	odd
					0000	

1001 digit sum = 2, even parity  
 ↓  
 1011 digit sum = 3, odd parity

09748705 122200

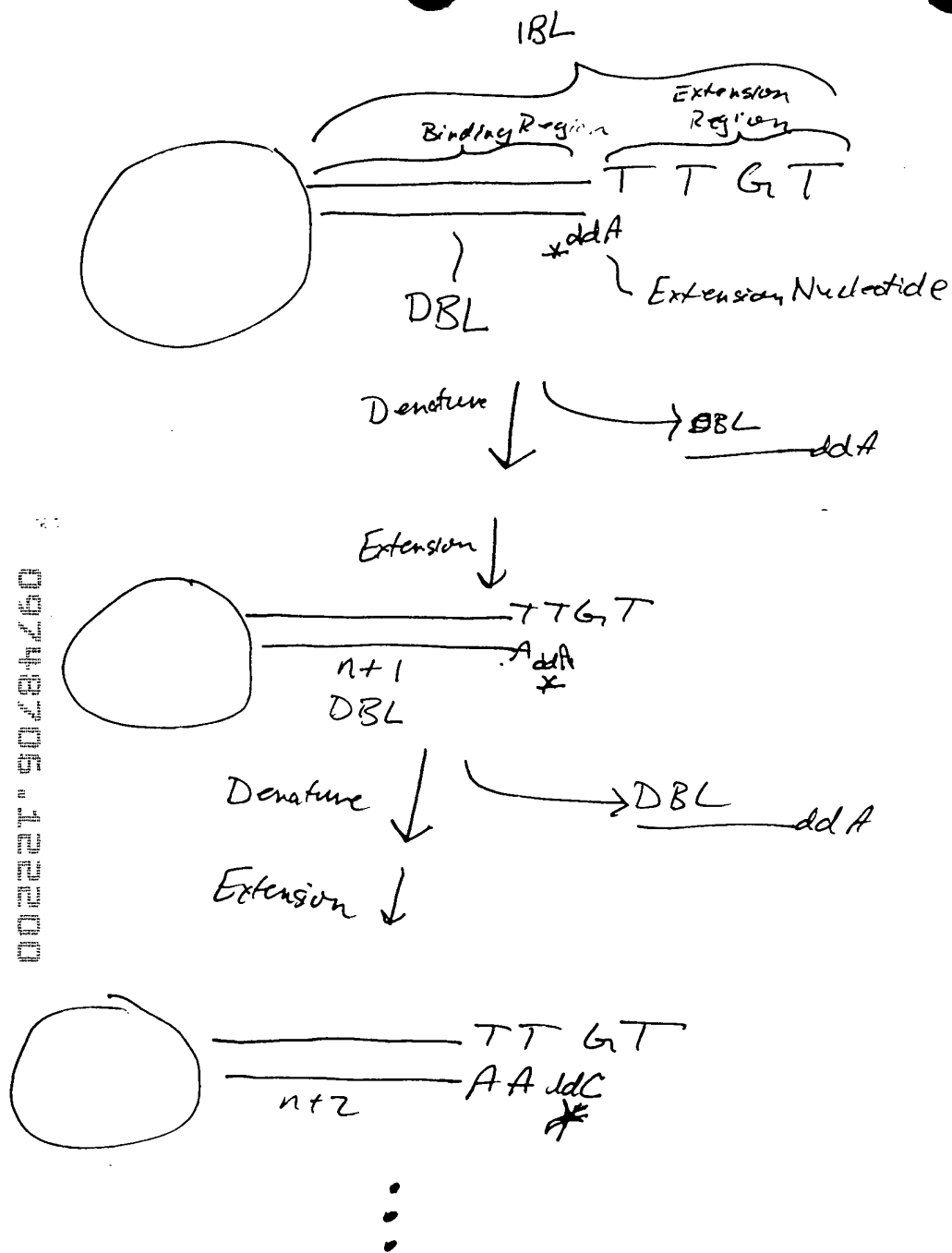


Fig. 8



00222T" 90748706" 122200

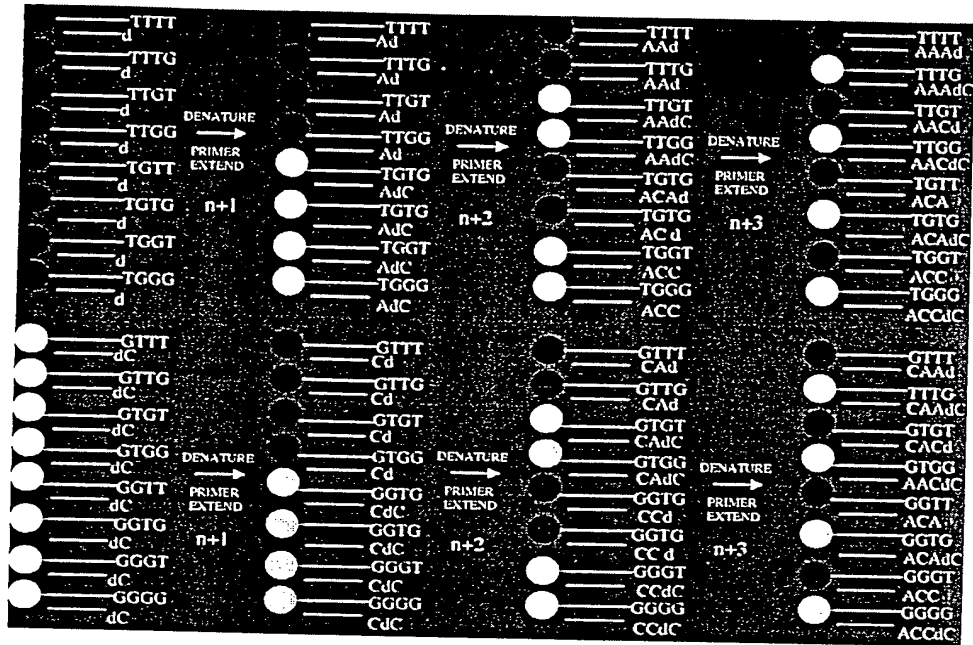


Figure 9

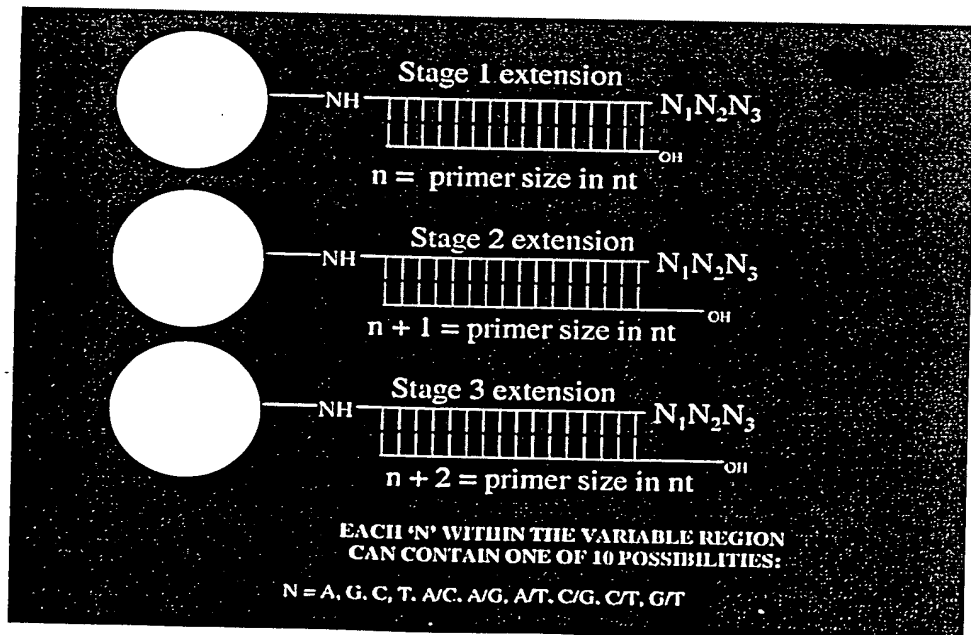


Figure 10

00222T 90784760

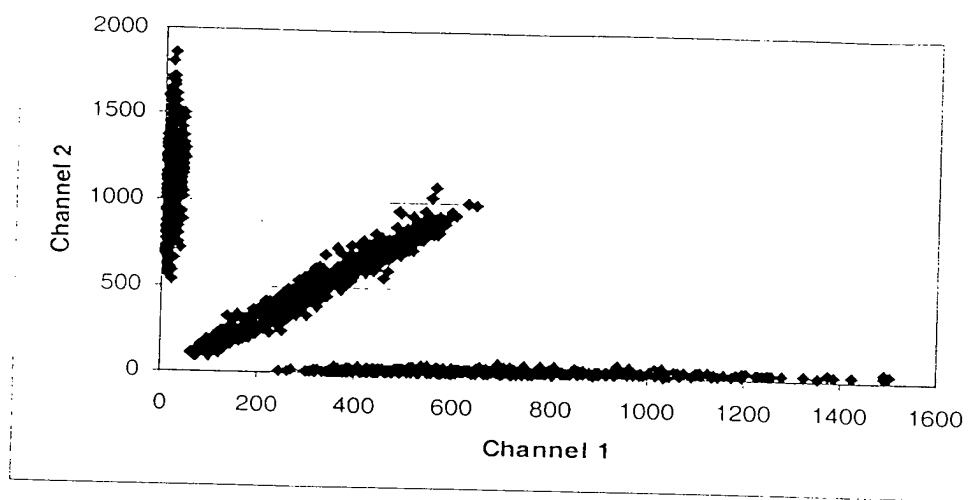


Figure 11